

What is claimed is:

1. A sole structure for a cleated shoe  
comprising:  
5 an outsole formed of a hard material, said  
outsole being in the shape of a thin plate; and  
a plurality of cleats provided on a bottom  
surface of said outsole;  
wherein said outsole has a first and second  
10 bulge each protruding downwardly toward the ground surface,  
said first bulge located at a position that corresponds to  
a thenar eminence of a foot of a shoe wearer, said second  
bulge located at a position that corresponds to a hypothenar  
eminence, said first and second bulge each having a sectional  
15 shape that conforms to a shape of a forefoot portion of a  
foot that has been flexed, and some of said cleats provided  
on a convexly curved surface of said first and second bulges.
2. The sole structure for a cleated shoe  
20 according to claim 1, wherein said outsole further includes  
a third bulge protruding downwardly toward the ground surface,  
said third bulge located at a position that corresponds to  
a first distal phalanx of a foot of a shoe wearer, and some  
of said cleats are provided on a convexly curved surface of  
25 said third bulge.

3. The sole structure for a cleated shoe according to claim 2, wherein said outsole further includes a fourth bulge protruding downwardly toward the ground surface, said fourth bulge located at a region that corresponds to each phalangeal joint between each distal phalanx and each middle phalanx of a second to fifth toe of a foot of a shoe wearer, and some of said cleats are provided on a convexly curved surface of said fourth bulge.

4. The sole structure for a cleated shoe according to claim 1, wherein said outsole has a flat, W-shaped cross section at said first and second bulges.

5. The sole structure for a cleated shoe according to any one of claims 1 to 4, wherein one of said cleats is located at a top centered position of a corresponding bulge.

6. The sole structure for a cleated shoe according to any one of claims 1 to 5, wherein said outsole further includes a midsole formed of a soft elastic material, said midsole disposed at least at a forefoot portion of the upper surface of said outsole.

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